

Selected Publications:

- *An Introduction to Fiber Optic Systems*, Second Edition, WBC McGraw-Hill, Chicago, 1997.
 - *An Introduction to Fiber Optic Systems*, Richard D. Irwin Publishing, Homewood, IL, 1993.
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- J.P. Powers, LT William Reid, LCOL John Upton, and Ray Van de Veire, "A comparison of the transient propagation properties of {Bessel} and {Gaussian} waves," *Acoustic Imaging*, Vol. 21, J.P. Jones, Ed., pp. 31-38, Plenum Publishing, New York, 1995.
 - P.E. Pace, R.D. Walley, R.J. Pieper, and J.P. Powers, "5 bit guided-wave SNS transfer characteristics," *Electronics Letters*, Vol. 31, No. 21, pp. 1799-1800, 1995
 - J.P. Powers, LT Benito Baylosis, Ltjg Peter Gatchell, and LT William Reid, "Experimental comparison of measured ultrasound pressure fields with theoretical prediction," *Acoustic Imaging*, Vol. 22, P. Tortoli and Leonardo Masotti, Eds., Plenum Publishing, New York, pp. 51-56, 1996.
 - P.E. Pace, S.J. Ying, J.P. Powers, and R.J. Pieper, "Integrated optical $\Sigma\Delta$ modulators," *Optical Engineering*, vol. 35, no. 7, pp. 1828-1836, 1996.
 - David Jenn, Phillip Pace, and John P. Powers, "High-resolution acoustic arrays using optimum symmetrical-number-system processing," *Acoustic Imaging*, Vol. 24, Hua Lee, Ed., Kluwer Academic/Plenum Publishers, pp. 57-64, 2000. New York.
 - P.E. Pace, S.A. Bewley, and J.P. Powers, "Fiber lattice accumulator design considerations for optical analog-to-digital convertors," *Optical Engineering*, vol. 39, no. 7, pp. 1517-1526, 2000.